

## **ABSTRACT**

Disclosed are a method of calibrating the bone mineral density index if the bone mineral density is to be measured using the X-ray image and a recording medium readable by a computer, on which a program for executing the method is recorded. The method comprises acquiring a phantom X-ray image having a region of two or more different thickness taken along with an object and calibrating the bone mineral density index of the object using the phantom. According to the present invention, it is possible to calibrate variation in the bone mineral density index caused by variation in X-ray radiographic condition.